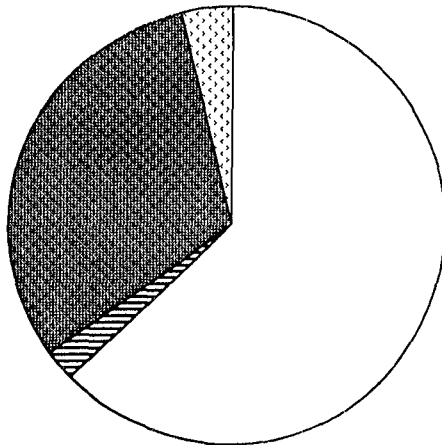


SANITARY SEWER SYSTEM CAPITAL PROGRAM

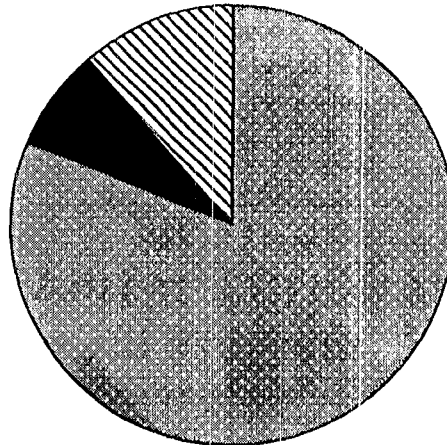
2006-2010 Capital Improvement Program

2005-2006 Adopted
Source of Funds



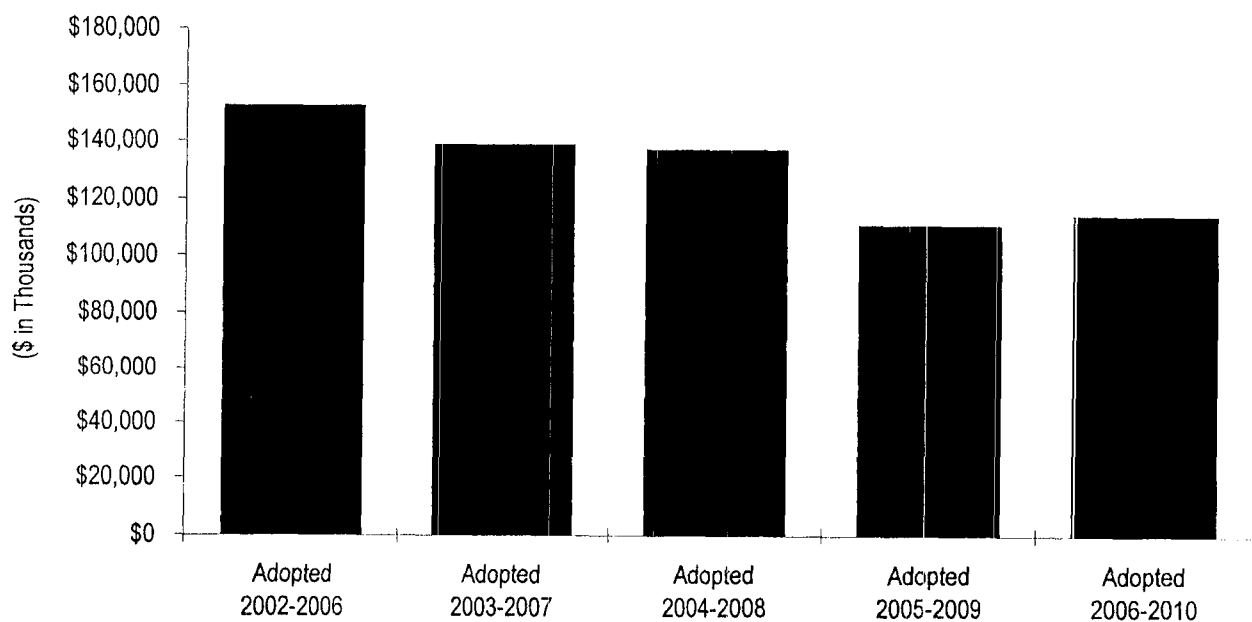
- Beginning Fund Balance
- ▨ Other Government Agencies
- ▩ Loans & Transfers
- ▤ Miscellaneous

2005-2006 Adopted
Use of Funds



- ▩ Construction
- Non-Construction
- ▨ Ending Fund Balance

CIP History



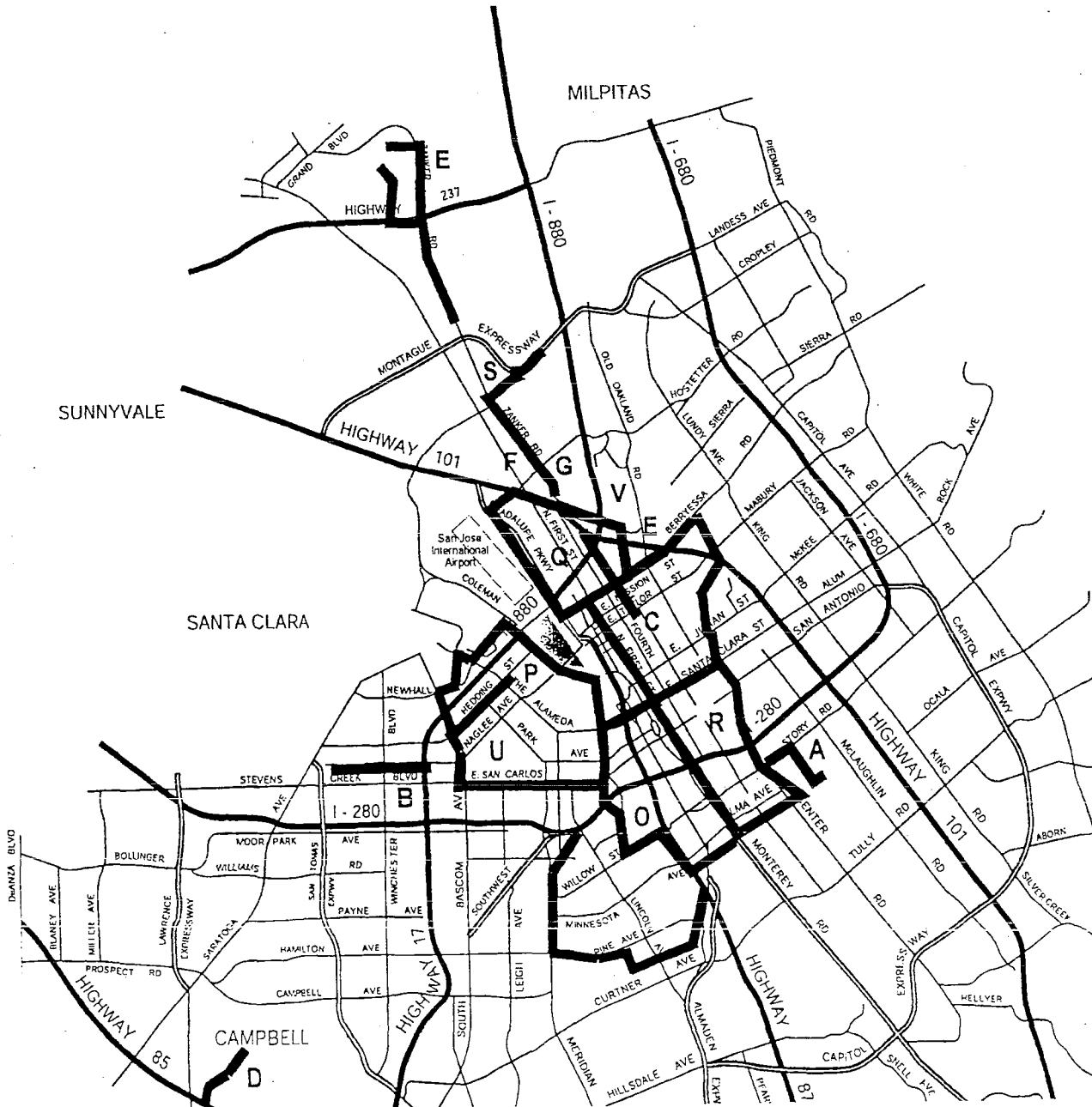
2006-2010 CAPITAL IMPROVEMENT PROGRAM

SANITARY SEWER SYSTEM NORTHERN SAN JOSE

URBAN SERVICE AREA

— APPROXIMATE PROJECT LOCATION

- A Evergreen Sewer
- B Forest-Rosa Sewer
- C Fourth Interceptor
- D San Tomas Aquino Creek Trunk
- E 60" Brick Interceptor
- F 60" RCP
- G 84" RCP Interceptor
- O Fourth Ward Area
- P Hobson-Walnut Area
- Q Rosemary Area
- R Third Ward Area
- S Trimble-Morrill Sewer
- U Hester-Naglee Area
- V 30" Old Bayshore Supplement



2006-2010 CAPITAL IMPROVEMENT PROGRAM

SANITARY SEWER SYSTEM

SOUTHERN SAN JOSE

URBAN SERVICE AREA

— APPROXIMATE PROJECT LOCATION

- I East San Jose
- J Julian-Sunol Sewer
- K Monterey-Riverside Sewer
- L San Tomas Expressway Trunk
- M Infiltration Reduction (various sites)
- N Willow-Union Trunk Sewer
- T Edenvale Sanitary Sewer Supplement Phase V



Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Overview

Introduction

The Sanitary Sewer System of the City of San José consists of approximately 2,150 miles of sewer mains ranging in diameter from 6 to 90 inches. The system serves the City, as well as three other jurisdictions, and conveys sewage to the San José/Santa Clara Water Pollution Control Plant (WPCP). The replacement value of the system is estimated at approximately \$1 billion.

The 2006-2010 Adopted Capital Improvement Program (CIP) provides funding of \$114.3 million, of which \$46.8 million is allocated in 2005-2006.

This program is part of the Environmental and Utility Services City Service Area (CSA) and supports the following outcome: *Reliable Utility Infrastructure*.

Program Priorities and Objectives

The majority of funds in the Sanitary Sewer System Capital Program are used to construct sewer improvement projects. Construction projects in the Adopted CIP fall into one of two categories: (a) enhance sewer capacity in substantially built-out areas and/or less-developed areas; or (b) rehabilitate existing sewers, with higher priorities given to those with extensive, severe deterioration. A project that will enhance capacity and rehabilitate existing sewers is considered a rehabilitation project for the purpose of this budget. Emphasis is placed on larger lines within each category.

- a. Capacity-enhancement projects are selected by utilizing a computerized sewer flow model (which utilizes the

San José 2020 General Plan to project sewage flows in the system), City maintenance records, and flow monitoring to identify sewer capacity constraints. Expenditures for capacity-enhancement projects total \$34.3 million, or roughly, 35% of construction projects in this CIP.

- b. Rehabilitation projects are selected based on hydrogen sulfide studies (that analyze pipe corrosion), condition assessment studies, maintenance records and reports, and actual pipe failures, whether due to pipe corrosion or other physical deficiencies. The actual condition of candidate projects is verified by internal videotape inspections, which are then evaluated to establish project priorities. Expenditures for rehabilitation projects total \$63.2 million over the next five years, or roughly, 65% of construction projects in this CIP.

Sources of Funding

The primary funding sources for the 2006-2010 Adopted Sanitary Sewer System CIP are the Sewer Service and Use Charge (SS&UC) Fee, Sanitary Sewer Connection Fee, and "Joint Participation" contributions from the City of Santa Clara, the County Sanitation Districts 2-3, and the West Valley Sanitation District for the share of their use of San José sewer lines. Among these revenues, the SS&UC fees continue to be the primary funding source for the program. For this Adopted CIP, the annual transfer of \$14.475 million represents no changes from estimate programmed in the 2005-2009 Adopted CIP.

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Overview

Sources of Funding (Cont'd.)

However, a \$2.0 million one-time reduction from the original transfer estimate of \$14.475 million revenue for 2004-2005 was approved by the City Council in June 2005 to provide additional funding in the Sewer Service and Use Charge Fund, to offset the increased cost of the Water Pollution Control Plant Reliability Improvements project and fund other high priority projects, further discussed in the Water Pollution Control Capital Program section of this document. In the Sanitary Sewer System Capital Program, an adjustment to the Infiltration Reduction allocation was also approved to offset this one-time reduction in the transfer estimate. Even with this reduction, projects represented in this CIP will continue to sufficiently meet the capacity and rehabilitation needs of the sanitary system. The funding level in this CIP does, however, assume rate increases to SS&UC fees beyond the current Council-approved three-year 4.5% rate increase strategy, approved as part of the 2004-2005 Adopted Operating Budget, in order to continue to fund the rehabilitation projects in this CIP and meet other needs supported by this fund. Further discussion concerning changes to this fee are provided in the 2005-2006 Adopted Operating Budget.

The Sanitary Sewer Connection Fee is charged for connecting to the City's sewer system. The fees collected may only be used for the construction and reconstruction, including land acquisition, of the San José sanitary sewer system. The fee is based on the number of single and multi-family residential units built and the acres developed on commercial and industrial properties. As these activities are projected to increase

throughout the 2006-2010 CIP, a corresponding overall increase to Sanitary Sewer Connection Fee revenues are assumed. These revenues total \$5.6 million in the 2006-2010 Adopted CIP, which represents an 11.6% increase from the 2005-2009 Adopted CIP estimate of \$5.0 million.

"Joint Participation" contributions are based on the eligible project expenditures within the five-year CIP and the percentage of reserved capacity of the joint sewer of the participating agency. These contributions total \$3.9 million through the 2006-2010 Adopted CIP, which represents a 32% decrease from the 2005-2009 Adopted CIP estimate of \$5.7 million. This change reflects a decrease in eligible project expenditures depicted in the 2006-2010 Adopted CIP.

Program Highlights

Interceptor System Construction and Rehabilitation

In general, an interceptor can be defined as a large pipe built by the City to serve as arterial collectors. In addition, interceptors are expected to carry flows from the collector sewers in the drainage basin to the point of treatment or disposal of the wastewater. These sewers normally follow valleys or natural streambeds of the drainage area. Three interceptor sewers, with an additional interceptor currently under construction, define the North San José Interceptor System. The interceptor system is generally located on Fourth Street and Zanker Road in North San José. The system collects sewage from all the area-wide and local sewer systems of the City and conveys it to the Water Pollution Control Plant. The total number of interceptors

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Overview

Program Highlights (Cont'd.)

within the City depends on the demands of the sewer system according to the City's General Plan.

Based on the selection criteria, the most prominent projects in the 2006-2010 CIP continue to be those related to the construction and/or rehabilitation of the North San José Interceptor System. The North San José Interceptor System is a collection of very large sanitary sewer pipes with diameters ranging from 54-inches to 90-inches. The North San José Interceptor System Master Plan was drafted in 1986, and work in updating the plan was completed in 2002. The update was necessary due to significant changes in the system's hydraulics and in the condition of the sewer infrastructure (pipeline and junction structures) since the initial study in 1986.

The recent study, entitled *San José North Interceptor Facility Plan Report*, assessed the hydraulic conditions of the large sewers, determined the level of corrosion in the pipelines, and validated capacity of the system. The final recommendations for programmed rehabilitation and construction of new sewer interceptors have been incorporated into the 2006-2010 Adopted CIP and will be referred to in the preparation of subsequent CIP programs. It is anticipated that completion of the Fourth Interceptor and complete rehabilitation of the additional interceptors will extend beyond the 2006-2010 CIP program. Capital improvements to the interceptor system consist of large, inter-related projects that must be staged in a specified sequence for logical construction of the system. The delay of one project will

likely delay successive projects. However, construction of these projects must be staged so that the discharge flow cap placed on the WPCP will not be exceeded. To meet this requirement, the City also implemented the South Bay Water Recycling Program (SBWR) and the Inflow/Infiltration (I&I) Reduction Program as priority commitments for the City. The I&I Reduction Program is discussed in detail below under the heading "Other Highlights".

Presently, the City has three major sewer interceptors that originate at the intersection of Seventh and Empire Streets and continue northward to the WPCP, mostly along the full length of Zanker Road. A new Fourth Major Interceptor is also presently under construction. The three older interceptors are referred to by the following descriptive names:

- The 60-inch Brick Interceptor, which is approximately 100 years old.
- The 60-inch Reinforced Concrete Pipe (RCP) Interceptor, which was installed in the 1960s.
- The 84-inch RCP Interceptor, installed in the 1970s.

The status of the interceptor improvements is as follows:

60-Inch Brick Interceptor

Completed Phases:

- Phase II was replaced between Highway 237 and Tasman Drive.

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Overview

Program Highlights (Cont'd.)

60-Inch Brick Interceptor (Cont'd.)

Completed Phases (Cont'd.):

- Phase III, between Tasman and Daggett Drives was rehabilitated.
- Phase IV, from Daggett Drive to Trimble Road, was replaced in conjunction with Phase IV of the Fourth Interceptor.
- Phase V, from Trimble Road to Old Bayshore Highway, was completed in 2003 in conjunction with the construction of Phase V of the Fourth Interceptor project.

Phases to be Completed:

- Phase IB, between the WPCP and Highway 237, is currently under construction in conjunction with Phase II of the 60-Inch RCP interceptor. This phase was awarded in June 2004 and construction is currently underway with completion anticipated in October 2006.
- Phase VI, from Old Bayshore Highway to Commercial Street remains in service and needs to be abandoned and replaced with the Fourth Interceptor, Phase VI project, currently scheduled for 2008-2009.

60-Inch RCP Interceptor

Completed Phases:

- Phase I was replaced between the WPCP and Highway 237.

- Phase III, between Tasman and Daggett Drives, was replaced in conjunction with Phase III of the Fourth Interceptor.
- Phase IV, from Daggett Drive to Trimble Road was recently rehabilitated.
- Phase V, from Trimble Road to Old Bayshore Highway, was completed in September 2003.
- Phases VI and VII of the 60-inch RCP Interceptor were already rehabilitated between Old Bayshore Highway and Hedding Street.

Phases to be Completed:

- Phase II, between Highway 237 and Tasman Drive, is currently under construction with Phase IB of the 60-Inch Brick Interceptor.

84-Inch RCP Interceptor

Phases I and II (north of Daggett Drive) do not require rehabilitation or replacement at this time.

Completed Phases:

- Phases III and IV, between Tasman and Trimble Road, were rehabilitated in conjunction with the 60-Inch Brick Interceptor Phase III and 60-Inch RCP Interceptor Phase IV projects.

Phases to be Completed:

- Phase V, from Trimble Road to Old Bayshore Highway, awarded in November 2003 in conjunction with the 60-Inch Brick Interceptor Phase V

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Overview

Program Highlights (Cont'd.)

84-Inch RCP Interceptor (Cont'd.)

Phases to be Completed (Cont'd.):

- project, was in beneficial use in March 2005.
- Phase VI, on 4th Street between Old Bayshore Highway and Commercial was awarded in June 2005 with completion scheduled in 2006-2007.
- Phase VII is currently scheduled for award in 2007-2008.

Fourth Interceptor

Completed Phases:

- Phases I, II, III and IV were constructed between the WPCP and Trimble Road.
- A soil bed filter for odor mitigation has been constructed near Daggett Drive.
- Phase V, between Trimble Road and Old Bayshore Highway, was completed in September 2003.

Phases to be Completed:

- Completion of Phase VI of the project, located on Fourth Street between Old Bayshore Highway and Commercial Street, is scheduled for award in 2008-2009, as reflected in the Adopted CIP. Additional funding must be allocated in order to fully fund the project. Subsequent CIP

revisions will further refine the scope and budget for the project.

- Phase VII of the project, between Commercial and Empire Street, will require additional funding to accumulate in 2010-2011 in order to fully fund the project. Like Phase VI, subsequent CIP revisions will further refine the scope and budget for the project.

With regard to the Fourth Interceptor, the first five phases of this new interceptor have been constructed. When completed, the Fourth Interceptor would also allow one of the three older interceptors to be removed from service during dry weather periods for the purpose of routine maintenance or rehabilitation. Such flexibility is important, but currently not available in all reaches of the system.

Other Highlights

In addition to interceptor improvements, funding toward other programs is included in this document, subject to budgetary constraints. These include Sanitary Sewer System Flow Monitoring and Master Planning Program, Inflow and Infiltration (I&I) Reduction Program, and Neighborhood Sewer Improvement Program. The existing San José Sanitary Sewer Master Plan, which evaluates sanitary sewers throughout San José, is more than 10 years old. In fall 2002, the City initiated a new Sanitary Sewer Master Plan.

The new San José Sanitary Sewer Master Plan for the north, south, and central areas was

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Overview

Program Highlights (Cont'd.)

Other Highlights (Cont'd.)

completed in June 2004. The Sanitary Sewer Master Plan for the East and West areas is anticipated to begin in future years. Once the Master Plan is completed, it will help identify sewer capacity deficiencies in the existing system, and projected additional capacities required to meet future demands.

The Flow Monitoring and Master Planning Program proposes to supplement the number of sites where the City may monitor sewer system flow rates. This information will be useful in daily operations and maintenance activities, the master planning of the sanitary sewer system, and sewage diversion operations. In diversion operations, City staff or contractors divert sewage flows from one line to another so that a sewer may be replaced or rehabilitated. Data from the flow monitoring program aids in confirming that the adjacent system is capable of conveying the additional flow without creating a sanitary sewer overflow.

The I&I Reduction Program is a key element of the Environmental and Utility Services CSA Business Plan. This program is intended to rehabilitate portions of the sewer system where groundwater and other sources of water (besides sewage) enter the sewers. It is known that certain areas of the City are prone to I&I. The goal of the I&I Reduction Program is to decrease the flow to the WPCP and help continue to meet the discharge flow cap. The program operates in conjunction with the Flow Monitoring Program to identify areas of the system that have substantial I&I, construct improvements to reduce I&I, then

measure the reduction in flow following those improvements. Funding to the I&I Reduction Program of \$8.9 million is allocated over the next five years, representing an increase from the 2005-2009 Adopted CIP allocation of \$7.6 million.

In recognition of the City Council's attention to neighborhood services, the Adopted Sanitary Sewer CIP also directs additional expenditures over the next five years toward the improvement of local neighborhood sewer systems. Generally, older neighborhoods benefit from this program because of the age and structural deterioration of their local sewers. The sewers may also warrant upsizing or downsizing to reflect changes in the drainage basin, sewage flows, and patterns over time. In this five-year CIP, the neighborhood sewer program includes projects to rehabilitate and/or replace sewers in the East San José, Forest-Rosa, Hobson-Walnut, Willow Glen, and Rosemary neighborhoods.

Funding totaling \$2.3 million is allocated in 2005-2006 through 2007-2008 for the rehabilitation of the Willow-Union Trunk Sewer Project. This project will evaluate and rehabilitate portions of the trunk sewer that have deteriorated due to corrosion, groundwater infiltration, or settlement.

In the 2006-2010 Adopted CIP, approximately \$26.4 million is allocated for the Edenvale Sanitary Sewer Supplement Phase V project. This project will provide increased sewer capacity for the southern portions of San José, including the Edenvale Redevelopment Area, North Coyote Valley, and existing South San José neighborhoods. Construction of this phase of the Edenvale

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Overview

Program Highlights (Cont'd.)

Other Highlights (Cont'd.)

project also improves capacity in the Monterey-Riverside sewer collection system.

Major Changes from the 2005-2009 Adopted CIP

Major changes from the 2005-2009 Adopted CIP include the following:

- Additional funding for the Edenvale Sanitary Sewer Supplement, Phase V project in the amount of \$7.9 million, within the five-year period represented in this CIP, to reflect scope changes and the reprogramming of this project into two separate project awards in 2005-2006 (Phase VA) and 2007-2008 (Phase VB).
- Additional funding in the amount of \$5.4 million for Flow Monitoring Program (Master Planning) allocation.
- New funding in the amount of \$3.9 million beginning in 2008-2009 for the new 30" Old Bayshore Supplement project.
- New ongoing allocation for Program Management to fund administration and management support of the Sanitary Sewer System, new California Regional Water Quality Board (RWQCB) reporting requirements, and staff costs for the preparation and implementation of the Sewer System Management Plan (SSMP), which includes a capacity and condition evaluation required by the RWQCB.

Costs related to SSMP preparation were previously spread among capital projects.

- Funding for the Fourth Interceptor, Phases VI and VII has been reprogrammed to begin in 2006-2007 in order to fund the Edenvale Phase VA and VB project. The start date of the Fourth Interceptor, Phase VI project has been deferred from 1st Quarter 2005 to 3rd Quarter 2006.
- Funding for the Monterey-Riverside Sewer, Phase V project, originally programmed to begin in 2004-2005, has been reprogrammed to begin in 2007-2008. The resulting fund balance freed up in 2005-2006 has been used to fund increases in the Edenvale Phase VA and VB project, discussed above. The start date of the Monterey-Riverside Sewer, Phase V project has been deferred from 3rd Quarter 2004 to 3rd Quarter 2007.

Operating Budget Impact

All the projects in the Adopted Sanitary Sewer CIP rehabilitate or replace existing sewers in order to avoid possible future maintenance costs and therefore do not incur additional long-term operating and maintenance costs.

Council Approved Revisions to the Proposed Capital Improvement Program

During the June budget hearings, the City Council approved the rebudgeting of \$5.2 million for nine projects: 60-Inch Brick Interceptor, Phase 1B (\$2.0 million), Inflow and Infiltration Reduction (\$1.0 million), Flow Monitoring Program (Master Planning) (\$900,000), Fourth Interceptor, Phases VI

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Overview

**Council Approved Revisions to the
Proposed Capital Improvement Program
(Cont'd.)**

and VII (\$900,000), Monterey-Riverside Supplement (\$150,000), Gateway East Sanitary Sewer Improvements (\$100,000), Hobson-Walnut Area (\$90,000), Edenvale Sanitary Sewer Supplement, Phases VA and VB (\$50,000), and Trimble-Morrill Sewer (\$50,000).

2005-2006 CAPITAL BUDGET

2006-2010 CAPITAL IMPROVEMENT PROGRAM

SANITARY SEWER SYSTEM

SOURCE OF FUNDS

USE OF FUNDS

2005-2006 USE OF FUNDS BY FUNDING SOURCE

The Source of Funds displays the capital revenues by funding source for each year of the Five-Year Capital Improvement Program. The Use of Funds displays the capital expenditures by line-item for each year of the five-year period. The 2005-2006 Use of Funds by Funding Source displays the funding sources for the capital expenditures that are budgeted in 2005-2006.

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Source of Funds

	Estimated 2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	5-Year Total
<u>SOURCE OF FUNDS</u>							
<u>Redevelopment Capital Projects Fund</u>							
Revenue from Other Agencies:							
<u>Redevelopment Agency</u>							
- Gateway East Sanitary Sewer Improvements	350,000	100,000					100,000
Total Redevelopment Capital Projects Fund	350,000	100,000					100,000 *
<u>Sanitary Sewer Connection Fee Fund</u>							
Beginning Fund Balance	10,149,997	15,351,320	3,221,320	3,732,320	2,337,320	2,163,320	15,351,320 *
Revenue from Other Agencies:							
<u>Sanitary Sewer Joint Participation</u>							
- CSD 2-3/City Joint Projects	7,000	97,000	219,000	90,000			406,000
- Maintenance Agreements	77,000	77,000	77,000	77,000	77,000	77,000	385,000
- Santa Clara/City Joint Projects	500,000						
- WVSD/City Joint Projects	1,700,000	953,000	782,000	500,000	525,000	300,000	3,060,000
Taxes, Fees & Charges:							
<u>Sanitary Sewer Connection Fees</u>	969,000	1,047,000	1,104,000	1,140,000	1,140,000	1,140,000	5,571,000
<u>Contributions, Loans and Transfers from:</u>							
<u>Capital Funds</u>							
- Transfer from Branch Libraries Bond Projects Fund	6,457,000						
Interest Income							
- Interest from Connection Fees	135,000	28,000	30,000	31,000	31,000	31,000	151,000

* The 2006-2007 through 2009-2010 Beginning Balances are excluded from the FIVE-YEAR TOTAL SOURCE OF FUNDS to avoid multiple counting of the same funds.

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Source of Funds

SOURCE OF FUNDS (CONT'D.)	Estimated 2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	5-Year Total
<u>Sanitary Sewer Connection Fee Fund</u>							
Reserve for Encumbrances	6,097,323						
Total Sanitary Sewer Connection Fee Fund	26,092,320	17,553,320	5,433,320	5,570,320	4,110,320	3,711,320	24,924,320 *
<u>Sewer Service and Use Charge Capital Improvement Fund</u>							
Beginning Fund Balance	21,838,191	13,845,166	2,049,166	2,431,166	142,166	208,166	13,845,166 *
Contributions, Loans and Transfers from: <u>Special Funds</u>							
– Transfer from Sewer Service and Use Charge Fund	12,475,000	14,475,000	14,475,000	14,475,000	14,475,000	14,475,000	72,375,000
Interest Income	800,000	794,000	546,000	691,000	471,000	509,000	3,011,000
Reserve for Encumbrances	29,276,975						
Total Sewer Service and Use Charge Capital Improvement Fund	64,390,166	29,114,166	17,070,166	17,597,166	15,088,166	15,192,166	89,231,166 *
TOTAL SOURCE OF FUNDS	90,832,486	46,767,486	22,503,486	23,167,486	19,198,486	18,903,486	114,255,486 *

* The 2006-2007 through 2009-2010 Beginning Balances are excluded from the FIVE-YEAR TOTAL SOURCE OF FUNDS to avoid multiple counting of the same funds.

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program

Use of Funds

USE OF FUNDS	Estimated 2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	5-Year Total
<u>Construction Projects</u>							
Capacity Improvement Projects							
30" Old Bayshore Supplement					401,000	3,506,000	3,907,000
Monterey-Riverside Supplement	169,000	150,000					150,000
1. Edenvale Sanitary Sewer Supplement, Phases VA and VB	1,050,000	17,407,000	1,903,000	6,077,000	1,004,000		26,391,000
2. Miscellaneous Projects	995,000	700,000	1,000,000	500,000	500,000	1,200,000	3,900,000
Total Capacity Improvement Projects	2,214,000	18,257,000	2,903,000	6,577,000	1,905,000	4,706,000	34,348,000
Rehabilitation Projects							
2nd and 3rd Streets	16,000						
60" Reinforced Concrete Pipe, Phase VB	1,164,000						
Almaden Boulevard	10,000						
Evergreen Sewer	64,000						
Fourth Ward Area	2,551,000						
Hester-Naglee Area	576,000						
Julian-Sunol Sewer	163,000						
Monterey-Riverside Sewer, Phase V	3,193,000			1,570,000	307,000		1,877,000
San Tomas Expressway Trunk	3,080,000	69,000					69,000
Third Ward Area	2,522,000						
Trimble-Morrill Sewer	1,489,000	50,000					50,000

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program

Use of Funds

USE OF FUNDS (CONT'D.)		Estimated 2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	5-Year Total
<u>Construction Projects</u>								
Rehabilitation Projects								
3.	60" Brick Interceptor, Phase IB	19,028,000	2,879,000	290,000				3,169,000
4.	84" RCP Interceptor, Phases VB, VIB, VII, & VIIA	9,730,000	392,000	1,037,000	8,013,000			9,442,000
5.	East San José	1,035,000	263,000	19,000				282,000
6.	Forest-Rosa Sewer	223,000	2,010,000	46,000				2,056,000
7.	Fourth Interceptor, Phases VI & VII	360,000	900,000	1,903,000	100,000	10,046,000	3,506,000	16,455,000
8.	Gateway East Sanitary Sewer Improvements	250,000	100,000					100,000
9.	Hobson-Walnut Area	10,000	958,000	207,000				1,165,000
10.	Inflow and Infiltration Reduction	2,246,000	3,350,000	2,500,000	500,000	500,000	2,000,000	8,850,000
11.	Miscellaneous Rehabilitation Projects	7,368,000	5,500,000	4,500,000	1,300,000	1,300,000	3,500,000	16,100,000
12.	Rosemary Area	86,000	1,007,000	80,000				1,087,000
13.	San Tomas Aquino Creek Trunk	1,498,000	172,000					172,000
14.	Willow-Union Trunk Sewer	120,000	2,030,000	260,000	19,000			2,309,000
Total Rehabilitation Projects		56,782,000	19,680,000	10,842,000	11,502,000	12,153,000	9,006,000	63,183,000
Total Construction Projects		58,996,000	37,937,000	13,745,000	18,079,000	14,058,000	13,712,000	97,531,000

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Use of Funds

USE OF FUNDS (CONT'D.)	Estimated 2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	5-Year Total
<u>Non-Construction</u>							
General Non-Construction							
Budget Office Capital Program Staff	33,000						
CIP Action Team	67,000						
City Hall Furniture, Fixtures and Equipment		6,000	48,000	48,000	48,000	48,000	198,000
City Hall Occupancy		17,000	17,000	17,000	17,000	17,000	85,000
Information Technology Staff Costs	130,000						
Public Works Equipment	29,000						
Maintenance and Replacement							
Public Works Recruitment, Training, and Development	1,000						
Real Estate Appraisal Retention	57,000						
Vehicle Replacements	1,000						
15. Fee Administration	60,000	63,000	66,000	68,000	69,000	70,000	336,000
16. Flow Monitoring Program (Master Planning)	1,309,000	2,050,000	1,150,000	1,150,000	1,292,000	1,428,000	7,070,000
17. Geographic Information System (GIS)	46,000	186,000	37,000	38,000	39,000	40,000	340,000
18. Payments to West Valley Sanitation District	10,000	10,000	10,000	10,000	10,000	10,000	50,000
19. Permit Review and Inspection for Outside Agencies	75,000	75,000	75,000	75,000	75,000	75,000	375,000
20. Preliminary Engineering	676,000	700,000	725,000	730,000	740,000	780,000	3,675,000

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program

Use of Funds

USE OF FUNDS (CONT'D.)	Estimated 2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	5-Year Total
<u>Non-Construction</u>							
General Non-Construction							
21. Program Management		400,000	410,000	415,000	420,000	450,000	2,095,000
22. Public Works Engineering Services Equipment (Materials Lab)	44,000	35,000	37,000	38,000	39,000	40,000	189,000
Total General Non-Construction	2,538,000	3,542,000	2,575,000	2,589,000	2,749,000	2,958,000	14,413,000
Contributions, Loans and Transfers to General Fund							
City Hall Operating and Maintenance		18,000	20,000	20,000	20,000	21,000	99,000
Total Contributions, Loans and Transfers to General Fund		18,000	20,000	20,000	20,000	21,000	99,000
Reserves							
Civic Center Occupancy Reserve	2,000						
Total Reserves	2,000						
Total Non-Construction	2,540,000	3,560,000	2,595,000	2,609,000	2,769,000	2,979,000	14,512,000
Ending Fund Balance	29,296,486	5,270,486	6,163,486	2,479,486	2,371,486	2,212,486	2,212,486*
TOTAL USE OF FUNDS	90,832,486	46,767,486	22,503,486	23,167,486	19,198,486	18,903,486	114,255,486*

* The 2005-2006 through 2008-2009 Ending Balances are excluded from the FIVE-YEAR TOTAL USE OF FUNDS to avoid multiple counting of same funds.

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
2005-2006 Use of Funds by Funding Source

	(450) Redevelopment Capital Projects Fund	(540) Sanitary Sewer Connection Fee Fund	(545) Sewer Service and Use Charge Capital Improvement Fund	Total
TOTAL RESOURCES	100,000	17,553,320	29,114,166	46,767,486
<u>Construction Projects</u>				
Capacity Improvement Projects				
Monterey-Riverside Supplement		150,000		150,000
1. Edenvale Sanitary Sewer Supplement, Phases VA and VB		8,347,000	9,060,000	17,407,000
2. Miscellaneous Projects		500,000	200,000	700,000
Total Capacity Improvement Projects		8,997,000	9,260,000	18,257,000
<u>Rehabilitation Projects</u>				
San Tomas Expressway Trunk		69,000		69,000
Trimble-Morrill Sewer			50,000	50,000
3. 60" Brick Interceptor, Phase IB			2,879,000	2,879,000
4. 84" RCP Interceptor, Phases VB, VIB, VII, & VIIA			392,000	392,000
5. East San José			263,000	263,000
6. Forest-Rosa Sewer			2,010,000	2,010,000
7. Fourth Interceptor, Phases VI & VII			900,000	900,000
8. Gateway East Sanitary Sewer Improvements	100,000			100,000
9. Hobson-Walnut Area			958,000	958,000
10. Inflow and Infiltration Reduction		1,060,000	2,290,000	3,350,000
11. Miscellaneous Rehabilitation Projects		1,200,000	4,300,000	5,500,000
12. Rosemary Area			1,007,000	1,007,000
13. San Tomas Aquino Creek Trunk			172,000	172,000
14. Willow-Union Trunk Sewer			2,030,000	2,030,000
Total Rehabilitation Projects	100,000	2,329,000	17,251,000	19,680,000
Total Construction Projects	100,000	11,326,000	26,511,000	37,937,000

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
2005-2006 Use of Funds by Funding Source

V - 164

	(450) Redevelopment Capital Projects Fund	(540) Sanitary Sewer Connection Fee Fund	(545) Sewer Service and Use Charge Capital Improvement Fund	Total
<u>Non-Construction</u>				
General Non-Construction				
City Hall Furniture, Fixtures and Equipment		2,000	4,000	6,000
City Hall Occupancy		5,000	12,000	17,000
15. Fee Administration		63,000		63,000
16. Flow Monitoring Program (Master Planning)		2,050,000		2,050,000
17. Geographic Information System (GIS)		36,000	150,000	186,000
18. Payments to West Valley Sanitation District		10,000		10,000
19. Permit Review and Inspection for Outside Agencies			75,000	75,000
20. Preliminary Engineering		700,000		700,000
21. Program Management		100,000	300,000	400,000
22. Public Works Engineering Services Equipment (Materials Lab)		35,000		35,000
Total General Non-Construction		3,001,000	541,000	3,542,000
Contributions, Loans and Transfers to				
City Hall Operating and Maintenance		5,000	13,000	18,000
Total Contributions, Loans and Transfers		5,000	13,000	18,000
Total Non-Construction		3,006,000	554,000	3,560,000
Ending Fund Balance		3,221,320	2,049,166	5,270,486
TOTAL USE OF FUNDS	100,000	17,553,320	29,114,166	46,767,486

2005-2006 CAPITAL BUDGET

2006-2010 CAPITAL IMPROVEMENT PROGRAM

SANITARY SEWER SYSTEM

DETAIL OF CAPITAL PROJECTS

The Detail of Capital Projects section provides information on the individual capital projects with funding in 2005-2006, including the following: project name, City Service Area (CSA) and CSA Outcome supported by the project, responsible department, Council District, project location, project description, project start and completion dates, project justification, project costs by type of expenditure, funding sources for the project, and the annual operating budget impact. On the Use of Funds statement, these projects are numbered.

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Detail of Capital Projects

1. Edenvale Sanitary Sewer Supplement, Phases VA and VB

CSA: Environmental and Utility Services **Initial Start Date:** 2nd Qtr. 2001
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**
Department: Public Works **Initial Completion Date:** 3rd Qtr. 2008
Council District: 2 **Revised Completion Date:**
Location: Various Streets from Monterey Highway at Blossom Hill Road to Santa Teresa Boulevard at Bayliss Drive
Description: This project funds the construction of approximately 5,900 linear feet of 48" and 16,400 linear feet of 54" diameter concrete pipes. This project is located on Santa Teresa Boulevard between Bayliss Drive and Bernal Road, and on portions of Bernal Road, Via Del Oro, Great Oaks Boulevard, Las Colinas Lane, and Monterey Highway from Route 85 to Blossom Hill Road.
Justification: This project is required in order to provide capacity for the ultimate development of the service area.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Development	47										47
Design	734	230	1,050	169					169		1,953
Bid & Award		36		36					36		36
Construction		13,619		17,202	1,903	6,077	1,004		26,186		26,186
TOTAL	781	13,885	1,050	17,407	1,903	6,077	1,004		26,391		28,222
FUNDING SOURCE SCHEDULE (000'S)											
Sanitary Sewer	709	6,870	930	8,347					8,347		9,986
Connection Fee Fund											
Sewer Service And Use Charge Capital Improvement Fund	72	7,015	120	9,060	1,903	6,077	1,004		18,044		18,236
TOTAL	781	13,885	1,050	17,407	1,903	6,077	1,004		26,391		28,222
ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

2006-2010 CIP - increase of \$8.0 million to reflect scope changes and the addition of funding for Phase VB.
 2003-2007 CIP - increase of \$4.6 million to address increased construction costs.

Notes:

FY Initiated:	2001-2002	Redevelopment Area:	Yes
Initial Project Budget:	\$15,570,000	SNI Area:	Edenvale/Great Oaks
Appn. #:	4037		

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

2. Miscellaneous Projects

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: This ongoing allocation is used to complete minor sanitary sewer projects and to establish contingency reserves for major projects.

Justification: This allocation is required for sewer extensions related to the Traffic Program projects, and to construct minor sewer mains to extend and cross-connect existing mains.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Design		295	295	150	295	100	100	320	965		
Bid & Award		10	10	8	10	5	5	15	43		
Construction		690	690	542	695	395	395	865	2,892		
TOTAL		995	995	700	1,000	500	500	1,200	3,900		

FUNDING SOURCE SCHEDULE (000'S)

Sanitary Sewer	995	995	500						500		
Connection Fee Fund											
Sewer Service And Use				200	1,000	500	500	1,200	3,400		
Charge Capital											
Improvement Fund											
TOTAL		995	995	700	1,000	500	500	1,200	3,900		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4272		

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Detail of Capital Projects

3. 60" Brick Interceptor, Phase 1B

CSA: Environmental and Utility Services **Initial Start Date:** 1st Qtr. 2003
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:** 3rd Qtr. 2001
Department: Public Works **Initial Completion Date:** 4th Qtr. 2005
Council District: 4 **Revised Completion Date:** 4th Qtr. 2006
Location: Zanker Road from the Water Pollution Control Plant (WPCP) to Structure A just south of Tasman Drive
Description: This project constructs 72" and 84" diameter reinforced concrete PVC-lined pipe. Phase 1B consists of 1.4 miles located near Zanker Road from Agnews State Hospital. Phase VIA from U.S. Highway 101 to Commercial Street is a potential project, pending further evaluation of peak wet and peak dry weather flows that are projected for the Phase VI reach of the interceptor system.
Justification: This program is required in order to rehabilitate a structurally deficient brick sewer and provide redundant capacity for maintenance activities.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Design	1,019										1,019
Bid & Award	4										4
Construction	12,677	21,075	19,028	2,879	270				3,149		34,854
Post Construction	9				20				20		29
TOTAL	13,709	21,075	19,028	2,879	290				3,169		35,906

FUNDING SOURCE SCHEDULE (000'S)											
Sanitary Sewer Connection Fee Fund	186										186
Sewer Service And Use Charge Capital Improvement Fund	13,523	21,075	19,028	2,879	290				3,169		35,720
TOTAL	13,709	21,075	19,028	2,879	290				3,169		35,906

ANNUAL OPERATING BUDGET IMPACT (000'S)											
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None

Major Changes in Project Cost:

2006-2010 CIP - increased \$927,000 to address scope changes and construction costs.
2000-2004 CIP - increased \$6.5 million to address scope changes and construction costs.
1999-2003 CIP - increased \$5.3 million to address scope changes and construction costs.
1996-2000 CIP - increased \$2.5 million to address scope changes and construction costs.
1994-1998 CIP - increased \$10 million to address scope changes and construction costs.

Notes:

The Initial/Revised Start Dates and Initial/Revised End Dates reflect Phase 1B of the project.

FY Initiated: 1994-1995 **Redevelopment Area:** N/A
Initial Project Budget: \$10,442,000 **SNI Area:** N/A
Appn. #: 4969

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Detail of Capital Projects

4. 84" RCP Interceptor, Phases VB, VIB, VII, & VIIA

CSA: Environmental and Utility Services **Initial Start Date:** 3rd Qtr. 2004
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**
Department: Public Works **Initial Completion Date:** 1st Qtr. 2007
Council District: 3, 4 **Revised Completion Date:**
Location: North 4th Street from Commercial Street to Old Bayshore Highway
Description: This project rehabilitates approximately 4,800 linear feet of 84" diameter reinforced concrete pipe with a segmented slipliner. Phases VB and VIB are located on North 4th Street from Commercial Street to Old Bayshore Highway. Phases VII and VIIA are located on 5th Street between Empire Street and Commercial Street.
Justification: This project is required to rehabilitate a structural deficient sewer by maintaining the sewer structural integrity and providing capacity for maintenance.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Development	20	40	40			130			130		190
Design		460	460		93	460			553		1,013
Bid & Award		20	20		7	10			17		37
Construction		9,200	9,200	392	902	7,413			8,707		17,907
Post Construction		10	10		35				35		45
TOTAL	20	9,730	9,730	392	1,037	8,013			9,442		19,192

FUNDING SOURCE SCHEDULE (000'S)

Sewer Service And Use Charge Capital Improvement Fund	20	9,730	9,730	392	1,037	8,013			9,442		19,192
TOTAL	20	9,730	9,730	392	1,037	8,013			9,442		19,192

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

2006-2010 CIP - increase of \$400,000 to reflect updated construction costs.
 2005-2009 CIP - increase of \$4.6 million to address increased construction costs.

Notes:

The Initial/Revised Start Dates, Initial/Revised End Dates and location are for Phase VIB of the project.

FY Initiated:	2002-2003	Redevelopment Area:	N/A
Initial Project Budget:	\$14,150,000	SNI Area:	N/A
Appn. #:	4695		

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Detail of Capital Projects

5. East San José

CSA: Environmental and Utility Services **Initial Start Date:** 4th Qtr. 2003

CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:** 1st Qtr. 2003

Department: Public Works **Initial Completion Date:** 2nd Qtr. 2005

Council District: 3, 5 **Revised Completion Date:** 3rd Qtr. 2006

Location: Various streets within an area bounded by Las Plumas Avenue, Jackson Avenue, Story Road, and Highway 101/Coyote Creek

Description: This project funds the rehabilitation and replacement of 6" and 8" diameter vitrified clay pipe (VCP) on various residential streets in the East San José area.

Justification: As part of the Gateway East Neighborhood Improvement Plan, the assessment of the sanitary sewers and the completion of the necessary improvements were a number two priority for the residents. The desired outcomes of this project include an assessment of the Sanitary Sewer System, identification of any repairs and/or replacement needs in problem areas, completion of repairs, major rehabilitation, and education with regards to disposing of food waste and grease for Gateway East residents.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Development	30	34									30
Design	279	36	30								309
Bid & Award	25	5	5								30
Construction	2,550	1,091	1,000	263	19				282		3,832
Post Construction	5										5
TOTAL	2,889	1,166	1,035	263	19				282		4,206
FUNDING SOURCE SCHEDULE (000'S)											
Sewer Service And Use Charge Capital Improvement Fund	2,889	1,166	1,035	263	19				282		4,206
TOTAL	2,889	1,166	1,035	263	19				282		4,206
ANNUAL OPERATING BUDGET IMPACT (000'S)											

None

Major Changes in Project Cost:

None

Notes:

The Initial/Revised Start Dates and Initial/Revised End Dates are for Phase III of the project.

FY Initiated: 1997-1998
Initial Project Budget: \$4,136,000
Appn. #: 6265

Redevelopment Area: N/A
SNI Area: East Valley/680
 Five Wounds/
 Brookwood Terrace
 Mayfair
 Thirteenth Street
 University
 Poco Way

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Detail of Capital Projects

6. Forest-Rosa Sewer

CSA: Environmental and Utility Services **Initial Start Date:** 3rd Qtr. 2004

CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**

Department: Public Works **Initial Completion Date:** 4th Qtr. 2006

Council District: 3, 6 **Revised Completion Date:** 1st Qtr. 2007

Location: Hedding Street from Myrtle to Bascom at the corner of Ruff Drive, through VTA yard from Guadalupe Parkway to North First Street

Description: This project rehabilitates the following sanitary trunk sewers with a cured-in-place pipe: approximately 5,350 linear feet of 30" diameter reinforced concrete pipe (RCP) on Hedding Street between N. Bascom Avenue to Myrtle Street, 74 linear feet of 48" diameter RCP at the corner of Ruff Drive turning to the VTA yard, and 1,810 linear feet of 54" diameter RCP through the VTA yard from Guadalupe Parkway to North First Street including an elliptical shape sewer on North First Street. The project is within the public right-of-way and the VTA yard with an easement.

Justification: This project is required due to structural deterioration caused by the effects of hydrogen sulfide gas.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Development		57	57								57
Design	367	166	166								533
Bid & Award	33			11				11			44
Construction	5,128			1,999	30			2,029			7,157
Post Construction	55				16			16			71
TOTAL	5,583	223	223	2,010	46			2,056			7,862

FUNDING SOURCE SCHEDULE (000'S)

Sanitary Sewer Connection Fee Fund	2,006										2,006
Sewer Service And Use Charge Capital Improvement Fund	3,577	223	223	2,010	46			2,056			5,856
TOTAL	5,583	223	223	2,010	46			2,056			7,862

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

2004-2008 CIP - decrease of \$500,000 to reflect project savings in Phase IV.
 2002-2006 CIP - decrease of \$800,000 due to lower than anticipated Phase IV project costs (\$1.4 million), project savings in Phase III (800,000), partially offset by the inclusion of Phase V (\$1.4 million).
 1997-2001 CIP - increase of \$4.5 million due to the inclusion of Phase III and IV of this project.
 1996-2000 CIP - decrease of \$900,000 due to lower than anticipated Phase I costs.

Notes:

The Initial/Revised Start Dates and Initial Revised End Dates are for Phase V of the project.

FY Initiated:	1994-1995	Redevelopment Area:	N/A
Initial Project Budget:	\$5,661,000	SNI Area:	N/A
Appn. #:	5670		

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Detail of Capital Projects

7. Fourth Interceptor, Phases VI & VII

CSA: Environmental and Utility Services **Initial Start Date:** 1st Qtr. 2005
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:** 3rd Qtr 2006
Department: Public Works **Initial Completion Date:** 2nd Qtr. 2008
Council District: 3 **Revised Completion Date:** 2nd Qtr 2010
Location: Fourth Street from U.S. Highway 101 to Commercial Streets

Description: This allocation funds the construction of approximately 10,000 linear feet of 60" diameter reinforced concrete PVC-lined pipe from Fourth and Commercial Streets to Seventh and Empire Streets.

Justification: This project is required to provide capacity to divert sewage from existing interceptors, enabling inspection and maintenance, and to provide capacity for the ultimate development of the service area.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Design	10,655	950	360	590	1,903	100		1,500	4,093		15,108
Bid & Award	34						10		10		44
Construction	44,448	290		290			10,036	2,006	12,332		56,780
Post Construction	76	20		20					20		96
TOTAL	55,213	1,260	360	900	1,903	100	10,046	3,506	16,455		72,028
FUNDING SOURCE SCHEDULE (000'S)											
Sanitary Sewer	43,631	234	234								43,865
Connection Fee Fund											
Sewer Service And Use	11,582	1,026	126	900	1,903	100	10,046	3,506	16,455		28,163
Charge Capital Improvement Fund											
TOTAL	55,213	1,260	360	900	1,903	100	10,046	3,506	16,455		72,028
ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

2005-2009 CIP - increased \$9 million to reflect the inclusion of Phase VII of this project.
 2002-2006 CIP - increased \$22.5 million to reflect additional construction phases of this project.
 2000-2004 CIP - increased \$6 million to address scope changes and construction costs.
 1997-2001 CIP - increased \$4 million to address scope changes and construction costs.
 Pre 1994-1998 CIP - increases in project costs reflect additional phases and related construction costs.

Notes:

The Initial/Revised Start Dates and Initial/Revised End Dates are for Phase VI of the project.

FY Initiated: 1984-1985 **Redevelopment Area:** N/A
Initial Project Budget: \$7,966,000 **SNI Area:** N/A
Appn. #: 4267

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

8. Gateway East Sanitary Sewer Improvements

CSA:	Environmental and Utility Services	Initial Start Date: 1st Qtr. 2005
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:
Department:	Public Works	Initial Completion Date: 3rd Qtr. 2005
Council District:	5	Revised Completion Date: 2nd Qtr. 2006
Location:	Various locations in the Gateway East neighborhood	

Description: This allocation represents contributions from the Redevelopment Agency for sanitary sewer inspection and lateral improvements in the Gateway East neighborhood. The project includes the installation of cleanouts to prevent sanitary sewer backups. Staff has determined that the vast majority of homes in the neighborhood lack cleanouts which would aid in the maintenance of the laterals in the public right-of-way. Due to the continuing demand for these improvements, remaining funding was rebudgeted for 2005-2006 to fund the continuation of these improvements.

Justification: Installation of cleanouts will help prevent sanitary sewer backups and aid in the maintenance of sewer laterals.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Construction		350	250	100					100		350
TOTAL		350	250	100					100		350

FUNDING SOURCE SCHEDULE (000'S)

Redevelopment Capital Projects Fund	350	250	100						100		350
TOTAL	350	250	100						100		350

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

None

Notes:

FY Initiated:	2004-2005	Redevelopment Area:	Yes
Initial Project Budget:	\$350,000	SNI Area:	Gateway East
Appn. #:	6407		

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

9. Hobson-Walnut Area

CSA: Environmental and Utility Services **Initial Start Date:** 3rd Qtr. 2004
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:** 1st Qtr. 2005
Department: Public Works **Initial Completion Date:** 1st Qtr. 2007
Council District: 3 **Revised Completion Date:**
Location: Area bounded by Coleman Avenue, Interstate 880, and the Guadalupe River

Description: This project funds the analysis and improvement of the sanitary sewer system within an area bounded by Coleman Avenue, Interstate 880, and the Guadalupe River to meet current capacity and condition standards. Improvements could consist of rehabilitation, removal, replacement, and/or abandonment of existing sanitary sewer mains.

Justification: This project is required due to structural deterioration of existing aging sewers in order to extend the life of the neighborhood sewers with repair and rehabilitation.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Development		100	10	112					112		122
Design				30					30		30
Bid & Award				8					8		8
Construction				808	207				1,015		1,015
TOTAL		100	10	958	207				1,165		1,175
FUNDING SOURCE SCHEDULE (000'S)											
Sewer Service And Use Charge Capital Improvement Fund		100	10	958	207				1,165		1,175
TOTAL		100	10	958	207				1,165		1,175

ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

None

Notes:

2006-2010 CIP - increase of \$75,000 to reflect revised construction costs.
2005-2009 CIP - decrease of \$150,000 to reflect revised construction costs.

FY Initiated: 2004-2005 **Redevelopment Area:** N/A
Initial Project Budget: \$1,250,000 **SNI Area:** N/A
Appn. #: 5731

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

10. Inflow and Infiltration Reduction

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: The Inflow and Infiltration (I&I) Reduction Program is a key element of the Environmental and Utility Services CSA Business Plan. The I&I Reduction projects rehabilitate sanitary sewers and manholes that have groundwater or storm water penetration. The Flow Monitoring Program and maintenance reports from the Department of Transportation identify sewers ranging from 6" to 36" diameter in various locations throughout the City that require rehabilitation.

Justification: This allocation is required to reduce infiltration of groundwater into the sanitary sewer collection systems, thereby reducing the volume of effluent discharged by the San José/Santa Clara Water Pollution Control Plant.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Development		50	50	40	40	10	10	40	140		
Design		550	550	443	442	50	50	200	1,185		
Bid & Award		20	20	17	18	4	4	16	59		
Construction		2,626	1,626	2,850	2,000	436	436	1,744	7,466		
TOTAL		3,246	2,246	3,350	2,500	500	500	2,000	8,850		

FUNDING SOURCE SCHEDULE (000'S)											
Sanitary Sewer		2,660	2,160	1,060	1,000	500			2,560		
Connection Fee Fund											
Sewer Service And Use		586	86	2,290	1,500		500	2,000	6,290		
Charge Capital Improvement Fund											
TOTAL		3,246	2,246	3,350	2,500	500	500	2,000	8,850		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project. This allocation was formerly titled "Infiltration Reduction."

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	6444		

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Detail of Capital Projects

11. Miscellaneous Rehabilitation Projects

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: This ongoing allocation rehabilitates sanitary sewers that exhibit structural deterioration, corrosion, sagging, joint separation, cracking, blockage, and stoppage. The program projects are developed based on input from the Department of Transportation maintenance and repair records, flow monitoring, consultant studies, staff input, and field observations.

Justification: This allocation is required due to structural deterioration of aging sewers.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Design		1,000	1,000	500	448	118	118	400	1,584		
Bid & Award		30	30	25	20	5	5	18	73		
Construction		6,337	6,338	4,975	4,032	1,177	1,177	3,082	14,443		
TOTAL		7,367	7,368	5,500	4,500	1,300	1,300	3,500	16,100		
FUNDING SOURCE SCHEDULE (000'S)											
Sanitary Sewer Connection Fee Fund				1,200		1,300	800	600	3,900		
Sewer Service And Use Charge Capital Improvement Fund		7,367	7,368	4,300	4,500		500	2,900	12,200		
TOTAL		7,367	7,368	5,500	4,500	1,300	1,300	3,500	16,100		
ANNUAL OPERATING BUDGET IMPACT (000'S)											

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4271		

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

12. Rosemary Area

CSA: Environmental and Utility Services **Initial Start Date:** 3rd Qtr. 2002
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**
Department: Public Works **Initial Completion Date:** 2nd Qtr. 2006
Council District: 3 **Revised Completion Date:** 3rd Qtr. 2006
Location: Area Bounded by the Guadalupe River, Airport Parkway, Highway 101, and Hedding Street
Description: This project consists of the investigation and rehabilitation of 5000 linear feet of 6" diameter sanitary sewer pipe within an area bounded by the Guadalupe River, Airport Parkway, Highway 101, North 10th Street, and Hedding Street.
Justification: This project is required due to structural deterioration of existing sewers.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Development	50										50
Design		86	86	55				55			141
Bid & Award				5				5			5
Construction				947	80				1,027		1,027
TOTAL	50	86	86	1,007	80				1,087		1,223

FUNDING SOURCE SCHEDULE (000'S)

Sewer Service And Use Charge Capital Improvement Fund	50	86	86	1,007	80				1,087		1,223
TOTAL	50	86	86	1,007	80				1,087		1,223

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

None

Notes:

FY Initiated: 2002-2003
Initial Project Budget: \$1,200,000
Appn. #: 4402

Redevelopment Area: N/A
SNi Area: N/A

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Detail of Capital Projects

13. San Tomas Aquino Creek Trunk

CSA: Environmental and Utility Services **Initial Start Date:** 3rd Qtr. 2004
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:** 2nd Qtr. 2004
Department: Public Works **Initial Completion Date:** 1st Qtr. 2006
Council District: 1 **Revised Completion Date:** 2nd Qtr. 2006
Location: San Tomas Aquino Creek from Silacci to State Route 85

Description: This project is located along San Tomas Aquino Creek from Route 85 to Westmont Avenue and terminates at Silacci Drive. The existing 3280 linear feet of 24" and 21" diameter sanitary sewer pipe will be rehabilitated with a cured-in-place pipe (CIPP) method. The project will be coordinated with Westmont Senior High School, the Santa Clara Valley Water District (SCVWD), the Union Pacific Rail Road (UPRR), and Caltrans.

Justification: The current condition of sewer pipes have cracks and offset joints. This project is required to improve structural integrity of the sewer and maximize sewer flow.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Development	47										47
Design	176	68	68								244
Bid & Award	7	10	10								17
Construction	592	1,420	1,420	162					162		2,174
Post Construction	6			10					10		16
TOTAL	828	1,498	1,498	172					172		2,498

FUNDING SOURCE SCHEDULE (000'S)											
Sewer Service And Use Charge Capital Improvement Fund	828	1,498	1,498	172					172		2,498
TOTAL	828	1,498	1,498	172					172		2,498

ANNUAL OPERATING BUDGET IMPACT (000'S)											
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None

Major Changes in Project Cost:

2000-2004 CIP - increased \$700,000 to address increased project scope and construction costs.

Notes:

Calendar Year Initial/Revised Start Dates and Initial/Revised End Dates are for Phase III of the project.

FY Initiated:	1998-1999	Redevelopment Area:	N/A
Initial Project Budget:	\$1,639,000	SNI Area:	N/A
Appn. #:	6592		

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

14. Willow-Union Trunk Sewer

CSA: Environmental and Utility Services **Initial Start Date:** 3rd Qtr. 2004
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**
Department: Public Works **Initial Completion Date:** 2nd Qtr. 2007
Council District: 9 **Revised Completion Date:**
Location: Union Avenue from Camden to South Bascom
and South Bascom from Union to Dry Creek
Description: This project will rehabilitate the existing sewers with a cured-in-place pipe (CIPP) method. The existing sewers range in size from 21" to 24" diameter. This project is located on Union Avenue from Camden Avenue to South Bascom Avenue and continues to South Bascom Avenue from Union Avenue to Dry Creek Road, and 500 linear feet on South Bascom north of Dry Creek Road.
Justification: This project is required due to structural deterioration of existing sewers and the need to improve sanitary flow and provide structural integrity to the existing sewers.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Development		10	10								10
Design		110	110	134					134		244
Bid & Award				19					19		19
Construction				1,877	260				2,137		2,137
Post Construction						19			19		19
TOTAL		120	120	2,030	260	19			2,309		2,429

FUNDING SOURCE SCHEDULE (000'S)

Sewer Service And Use	120	120	2,030	260	19			2,309		2,429
Charge Capital Improvement Fund										
TOTAL	120	120	2,030	260	19			2,309		2,429

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

2006-2010 CIP - Decrease of \$1.3 million to reflect revised project scope and construction estimate.

Notes:

FY Initiated: 2004-2005 **Redevelopment Area:** N/A
Initial Project Budget: \$3,740,000 **SNI Area:** N/A
Appn. #: 5733

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

15. Fee Administration

CSA: Environmental and Utility Services **Initial Start Date:** Ongoing
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**
Department: Public Works **Initial Completion Date:** Ongoing
Council District: N/A **Revised Completion Date:**
Location: N/A

Description: This allocation provides funding for the Public Works Development Program to collect Sanitary Sewer Connection Fees.

Justification: This allocation is necessary to pay for the actual cost of collecting fees.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year
Program Management		60	60	63	66	68	69	70	336	
TOTAL		60	60	63	66	68	69	70	336	

FUNDING SOURCE SCHEDULE (000'S)										
Sanitary Sewer Connection Fee Fund		60	60	63	66	68	69	70	336	
TOTAL		60	60	63	66	68	69	70	336	

ANNUAL OPERATING BUDGET IMPACT (000'S)										
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None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated: Ongoing **Redevelopment Area:** N/A
Initial Project Budget: **SNI Area:** N/A
Appn. #: 5241

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

16. Flow Monitoring Program (Master Planning)

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: This project funds the establishment of a city-wide sanitary sewer master plan. The master plan is intended to study and develop a system to identify capacity improvement needs. The Sanitary Sewer System is divided into five areas - North, South, Central, East, and West. A Sanitary Sewer System Master Plan was completed for the North, South, and Central areas in June 2004. Sanitary Sewer master planning for the East and West areas is anticipated to begin in future fiscal years. Ongoing funding will provide for future updates, flow analysis, and condition assessment studies to support the City's Sanitary Sewer Management Plan (SSMP) requirements.

Justification: This project is necessary to isolate the sanitary sewer system for master planning, sewage flow diversions, and system analysis for the collection system and the Water Pollution Control Plant.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Master Plan/Study		1,608	1,309	2,050	1,150	1,150	1,292	1,428	7,070		
TOTAL		1,608	1,309	2,050	1,150	1,150	1,292	1,428	7,070		

FUNDING SOURCE SCHEDULE (000'S)

Sanitary Sewer Connection Fee Fund	1,458	834	2,050	500	500	642	450	4,142
Sewer Service And Use Charge Capital Improvement Fund	150	475		650	650	650	978	2,928
TOTAL	1,608	1,309	2,050	1,150	1,150	1,292	1,428	7,070

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4696, 4964		

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

17. Geographic Information System (GIS)

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: This ongoing allocation funds the prorated contribution for staff and consultant support for the computerized Geographic Information System (GIS). This system is used for tracking, monitoring, accessing, analyzing, and managing Sanitary Sewer projects.

Justification: This allocation ensures cost-effective, timely, and reliable delivery of Sanitary Program projects.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year
Program Management		46	46	186	37	38	39	40	340	
TOTAL		46	46	186	37	38	39	40	340	

FUNDING SOURCE SCHEDULE (000'S)										
Sanitary Sewer Connection Fee Fund		35	35	36					36	
Sewer Service And Use Charge Capital Improvement Fund		11	11	150	37	38	39	40	304	
TOTAL		46	46	186	37	38	39	40	340	

ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

Funding in 2005-2006 represents the allocation needed to setup the intended sanitary sewer base map with one-foot contour lines. The allocation represented in the outyears reflects anticipated funding necessary to update the base map.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4131		

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

18. Payments to West Valley Sanitation District

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	N/A	Revised Completion Date:	
Location:	N/A		

Description: This allocation reimburses the West Valley Sanitation District for the City's share of potential joint sanitary sewer projects within their jurisdiction.

Justification: This allocation will fund rehabilitation projects required due to structural deterioration.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Transfer to Other Agencies		10	10	10	10	10	10	10	50		
TOTAL		10	10	10	10	10	10	10	50		

FUNDING SOURCE SCHEDULE (000'S)											
Sanitary Sewer Connection Fee Fund		10	10	10	10	10	10	10	50		
TOTAL		10	10	10	10	10	10	10	50		

ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:
N/A

Notes:
Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4230		

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Detail of Capital Projects

19. Permit Review and Inspection for Outside Agencies

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: City staff performs many services for the review and inspection of projects for the Santa Clara Valley Water District. As is customary practice between public agencies, and per State law, the City and Water District do not charge one another for these services. Therefore, neither entity recovers its costs from the other.

Justification: City staff reviews plans, issues encroachment permits, and inspects the construction of Water District projects that are located within or will impact the City's right-of-way. Staff work is essential to ensure the safety of construction activities of the Water District's contractor, and the quality control of these projects. Failure to do so will result in the increased potential for undesirable traffic impacts (e.g. accidents) and impacts of the contractor's activities on public and private utility infrastructure.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year
Program Management		75	75	75	75	75	75	75	375	
TOTAL		75	75	75	75	75	75	75	375	

FUNDING SOURCE SCHEDULE (000'S)										
Sewer Service And Use Charge Capital Improvement Fund		75	75	75	75	75	75	75	375	
TOTAL		75	75	75	75	75	75	75	375	

ANNUAL OPERATING BUDGET IMPACT (000'S)										
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None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	5149		

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

20. Preliminary Engineering

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: This allocation provides funding to support preliminary engineering for sanitary sewer related projects, including surveys and evaluations of project impacts on the sanitary sewer system.

Justification: Preliminary engineering is required to define the scope and develop cost effective solutions to sanitary sewer issues.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Development		676	676	700	725	730	740	780	3,675		
TOTAL		676	676	700	725	730	740	780	3,675		

FUNDING SOURCE SCHEDULE (000'S)											
Sanitary Sewer Connection Fee Fund		676	676	700		730			1,430		
Sewer Service And Use Charge Capital Improvement Fund					725		740	780	2,245		
TOTAL		676	676	700	725	730	740	780	3,675		

ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4273		

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Detail of Capital Projects

21. Program Management

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: This allocation provides funding for the administration, management, and monitoring of sanitary sewer system capital improvement projects. This allocation also provides funding for staff to respond to new California Regional Water Quality Control Board (RWQCB) reporting requirements on sanitary sewer overflows. In addition, this allocation provides funding to prepare and implement a Sewer System Management Plan (SSMP), which includes a capacity and condition evaluation required by the RWQCB.

Justification: Staff support is necessary to respond to and meet regional water quality requirements and implement sanitary sewer system capital improvement projects.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year

Program Management				400	410	415	420	450	2,095	
TOTAL				400	410	415	420	450	2,095	

FUNDING SOURCE SCHEDULE (000'S)										
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Sanitary Sewer Connection Fee Fund				100	100	100			300	
Sewer Service And Use Charge Capital Improvement Fund				300	310	315	420	450	1,795	
TOTAL				400	410	415	420	450	2,095	

ANNUAL OPERATING BUDGET IMPACT (000'S)										
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None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

This new ongoing allocation changes the methodology to fund SSMP costs, previously spread among capital projects.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:			

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Detail of Capital Projects

22. Public Works Engineering Services Equipment (Materials Lab)

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	N/A	Revised Completion Date:	
Location:	N/A		

Description: This ongoing allocation funds the purchase of equipment necessary to perform quality assurance testing on materials used in sewer rehabilitation projects.

Justification: This allocation is necessary to meet Public Works Department's ongoing Materials Testing Lab equipment replacement needs.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2004-05 Appn.	2004-05 Estimate	2005-06	2006-07	2007-08	2008-09	2009-10	5-Year Total	Beyond 5-Year	Project Total
Equipment		44	44	35	37	38	39	40	189		
TOTAL		44	44	35	37	38	39	40	189		

FUNDING SOURCE SCHEDULE (000'S)

Sanitary Sewer Connection Fee Fund	34	34	35						35		
Sewer Service And Use Charge Capital Improvement Fund	10	10			37	38	39	40	154		
TOTAL		44	44	35	37	38	39	40	189		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4135		

2005-2006 CAPITAL BUDGET

2006-2010 CAPITAL IMPROVEMENT PROGRAM

SANITARY SEWER SYSTEM

SUMMARY OF PROJECTS THAT START AFTER 2005-2006

SUMMARY OF PROJECTS WITH CLOSE-OUT COSTS ONLY IN 2005-2006

The Summary of Projects that Start after 2005-2006 includes those projects that have funding budgeted starting after 2005-2006. The Summary of Projects with Close-Out Costs Only in 2005-2006 includes those projects that are near completion with only minimal costs (typically inspection services and program management) to finish the project budgeted in 2005-2006. On the Use of Funds statement, the projects in these summaries are not numbered.

Sanitary Sewer System Capital Program
2006-2010 Adopted Capital Improvement Program
Summary of Projects that Start after 2005-2006

Project Name: 30" Old Bayshore Supplement
5-Year CIP Budget: \$3,907,000
Total Budget: \$3,907,000

Council District: 4
Estimated Start Date: 3rd Qtr. 2008
Estimated End Date: 2nd Qtr. 2010

Description: This project funds the construction of 5,540 linear feet of 30" diameter relief sewer parallel to an existing 30" pipe on Old Bayshore between Commercial Street and Zanker Road.

Project Name: Monterey-Riverside Sewer, Phase V
5-Year CIP Budget: \$1,877,000
Total Budget: \$9,112,000

Council District: 2
Estimated Start Date: 3rd Qtr. 2007
Estimated End Date: 2nd Qtr. 2009

Description: This Monterey-Riverside Sewer project rehabilitates approximately 31,000 linear feet of sanitary sewer with an in-place liner. Phase V rehabilitates approximately 2,700 linear feet of 24" RCP and approximately 4,200 linear feet of 27" RCP.

Sanitary Sewer System Capital Program

2006-2010 Adopted Capital Improvement Program

Summary of Projects with Close-out Costs Only in 2005-2006

Project Name: Monterey-Riverside Supplement
5-Year CIP Budget: \$150,000
Total Budget: \$8,041,000
Council District: 2

Initial Start Date: 1st Qtr. 1998
Revised Start Date:
Initial End Date: 3rd Qtr. 2001
Revised End Date: 3rd Qtr. 2004

Description: This project includes the construction of approximately 2,000 linear feet of 42" diameter sanitary sewer by tunneling and reconstruction of a sewer structure. Project is in beneficial use. Funding in 2005-2006 is allocated as a contingency for an outstanding claim on the project.

Project Name: San Tomas Expressway Trunk
5-Year CIP Budget: \$69,000
Total Budget: \$5,744,000
Council District: 1

Initial Start Date: 3rd Qtr. 2001
Revised Start Date:
Initial End Date: 2nd Qtr. 2005
Revised End Date:

Description: This project rehabilitates approximately 100 linear feet of 30" diameter reinforced concrete pipe (RCP), 4,600 linear feet of 36" diameter RCP, and 6,400 linear feet of 39" diameter RCP. This project, which includes a siphon, will be rehabilitated by a cured-in-place pipe method.

Project Name: Trimble-Morrill Sewer
5-Year CIP Budget: \$50,000
Total Budget: \$3,182,000
Council District: 4

Initial Start Date: 3rd Qtr. 2002
Revised Start Date:
Initial End Date: 3rd Qtr. 2004
Revised End Date: 2nd Qtr. 2004

Description: This project rehabilitates 24" diameter reinforced concrete pipe with an in-place liner. Phase I: Trimble Road from Zanker Road to McCarthy Boulevard (4,800 linear feet), Phase II: Trimble Road from McCarthy Boulevard to Ringwood Avenue (5,400 linear feet). Project is in beneficial use. Funding in 2005-2006 is allocated for remaining project close-out costs.
